

At page 3, line 10, replace "NO: 1; the" with --NO:1. The--.

At page 3, line 10, replace "Y axis," with --Y axis reflects--.

At page 3, line 15, replace "LIFESEQ™" with --LIFESEQ--.

At page 5, line 1, replace "XL-PCR™" with --XL-PCR--.

At page 5, line 4, replace "GELVIEW™ Fragment Assembly" with --GELVIEW fragment assembly--.

At page 6, line 27, replace "binds" with --bonds--.

At page 7, line 7, replace "example, for" with --example,--.

At page 10, line 10, replace "chromosomes" with --chromosome--.

At page 10, line 12, replace "Fa" with --Fab--.

At page 11, line 6, replace "Figs." with --Figures--.

At page 11, line 11, replace "Figs." with --Figures--.

At page 11, line 12, replace "Fig." with --Figure--.

At page 11, line 15, replace "Fig." with --Figure--.

At page 11, line 16, replace "Figs." with --Figures--.

At page 11, line 18, replace "Fig." with --Figure--.

At page 11, line 28, replace "Figs." with --Figures--.

At page 13, line 21, replace "Sequenase®" with --SEQUENASE--.

At page 13, line 24, replace "Amplification System" with --amplification system--.

At page 13, line 25, replace "Micro Lab" with --MICROLAB--.

At page 13, line 26, replace "Thermal Cycler" with --thermal cycler--.

At page 14, line 10, replace "Primer Analysis" with --primer analysis--.

At page 14, line 24, replace "PromoterFinder™" with --PROMOTERFINDER--.

At page 15, line 6, replace "devise" with --device--.

At page 15, line 7, replace "Genotyper™" with --GENOTYPER--.

At page 15, line 8, replace "Sequence Navigator™" with --SEQUENCE NAVIGATOR--.

At page 17, line 19, replace "Bluescript®" with --BLUESCRIPT--.

At page 17, line 20, replace "pSport1™" with --PSPORT1--.

At page 18, line 2, replace "Bluescript®" with --BLUESCRIPT®--.

At page 18, line 27, replace "191-196." with --191-196).--.

At page 20, line 21, replace "dhfr" with --dhfr--.

At page 20, line 23, replace "150:1-14)" with --150:1-14);--.

At page 22, line 11, replace "Upjohn," with --Upjohn--.

At page 22, line 11, replace "Madison" with --Madison--.

At page 22, line 12, replace "Corp., Cleveland, OH)" with --Corp. (Cleveland, OH))--.

At page 23, line 3, replace "chromatography" with --chromatography)--.

At page 23, line 8, replace "Merrifield" with --(Merrifield--.

At page 23, line 10, after "using" insert --an--.

At page 23, line 11, replace "Peptide Synthesizer" with --peptide synthesizer--.

At page 23, line 17, replace "Fig." with --Figure--.

At page 25, line 25, replace "immunoglobulin" with --immunoglobulin--.

At page 30, line 13, replace "Hanks's" with --Hanks'--.

At page 30, line 30, replace "succinic" with --and succinic acids--.

At page 31, line 21, replace "between therapeutic and toxic" with --of toxic to therapeutic--.

At page 31, line 22, replace "and it" with --which--.

At page 31, line 22, replace "ratio," with --ratio--.

At page 32, line 28, replace "formation" with --formation--.

At page 32, line 29, delete "but".

At page 32, line 29, replace "photometric," with --photometric--.

At page 32, line 30, replace "subject, control and disease," with --subject--.

At page 35, line 24, replace "229-236" with --212:229-236--.

At page 37, line 27, delete "Brinkmann Homogenizer".

At page 37, line 28, after "Polytron PT-3000" insert --homogenizer--.

At page 37, line 29, delete "Beckman".

At page 37, line 30, replace "a Beckman L8-70M Ultracentrifuge" with --an L8-70M ultracentrifuge--.

At page 38, line 4, replace "Qiagen Oligotex" with --OLIGOTEX--.

At page 38, line 4, replace "Inc" with --Inc--.

At page 38, line 6, replace "SuperScript" with --SUPERScript--.

At page 38, line 7, replace "Plasmid System for cDNA Synthesis and Plasmid Cloning" with

--plasmid system for cDNA synthesis and plasmid cloning--.

At page 38, line 8, replace "Sepharese" with --SEPHAROSE--.

At page 38, line 9, replace "pSport I" with --PSPORT1--.

At page 38, line 10, replace "pSport I" with --PSPORT1--.

At page 38, line 10, replace "DH5a™" with --DH5α--.

At page 38, line 14, replace "REAL Prep" with --R.E.A.L. PREP--.

At page 38, line 18, replace "TECHNOLOGIES™" with --TECHNOLOGIES--.

At page 38, line 25, replace "Micro Lab" with --MICROLAB--.

At page 38, line 26, replace "Thermal Cyclers" with --thermal cyclers--.

At page 38, line 27, replace "Sequencing Systems" with --sequencing systems--.

At page 41, line 6, after "4.06" insert --software--.

At page 41, line 17, replace "the Peltier Thermal Cycler" with --a Peltier thermal cycler--.

At page 42, line 3, replace "QIAQuick™" with --QIAQUICK--.

At page 43, line 6, after "4.06" insert --software--.

At page 43, line 8, replace "NEN®" with --NEN--.

At page 43, line 9, replace "Sephadex" with --SEPHADEX--.

At page 43, line 12, replace "NEN®" with --NEN--.

At page 43, line 17, replace "AR™" with --AR--.

At page 43, line 18, replace "blots in" with --blots, or the blots are exposed to--.

At page 43, line 19, delete "for several hours".

At page 43, line 26, replace "Figs." with --Figures--.

At page 43, line 28, replace "Figs." with --Figures--.

At page 44, line 3, replace "Figs." with --Figures--.

At page 44, line 7, replace "pSport" with --PSPORT--.

At page 45, line 3, replace "Inc" with --Inc--.

At page 45, line 8, replace "Peptide Synthesizer Model 431A" with --431A peptide synthesizer--.

At page 45, line 20, replace "Sepharese" with --SEPHAROSE--.